

FIG. 1

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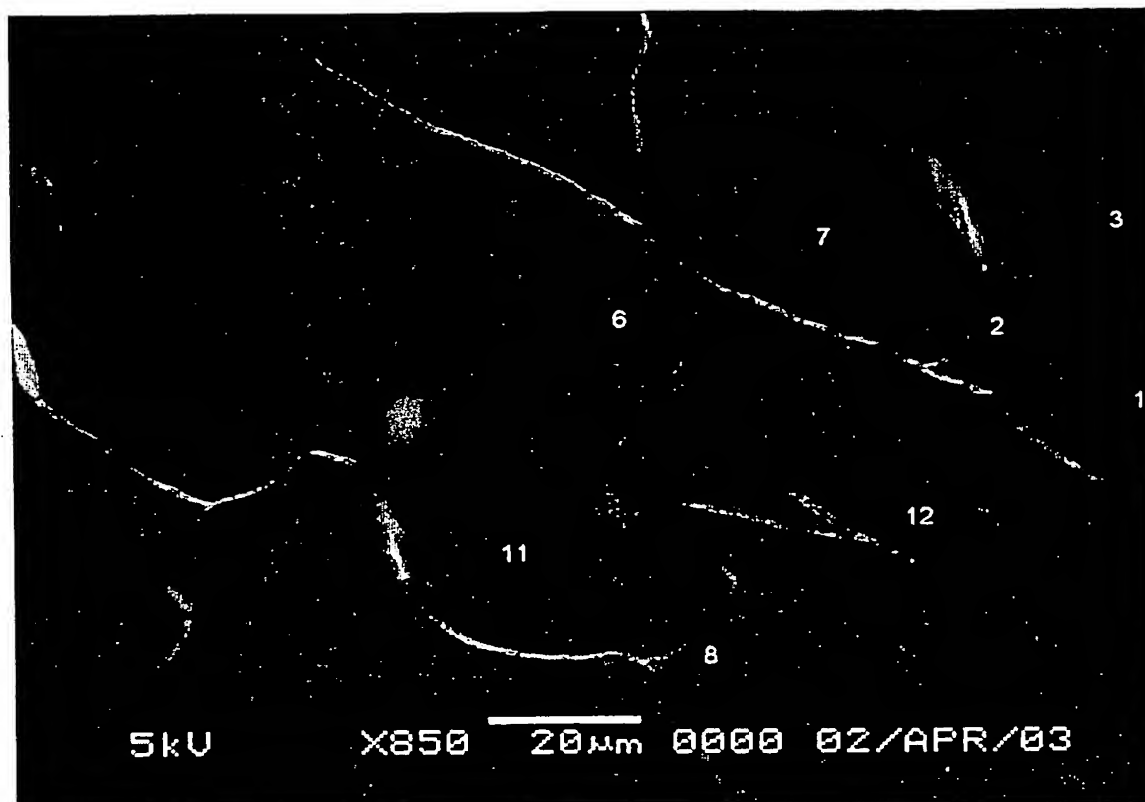


FIG. 2

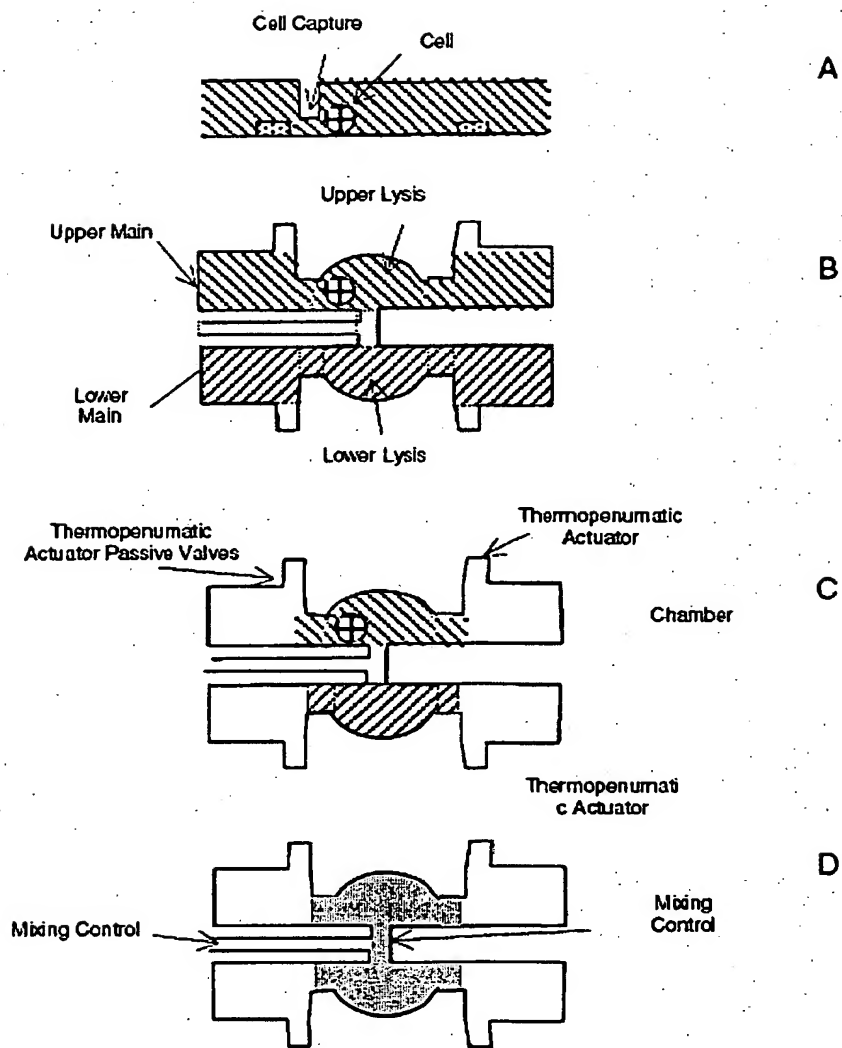
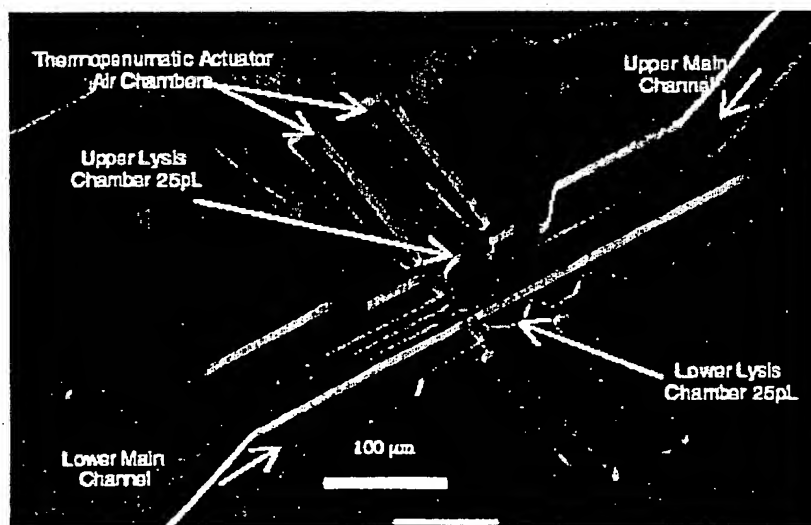
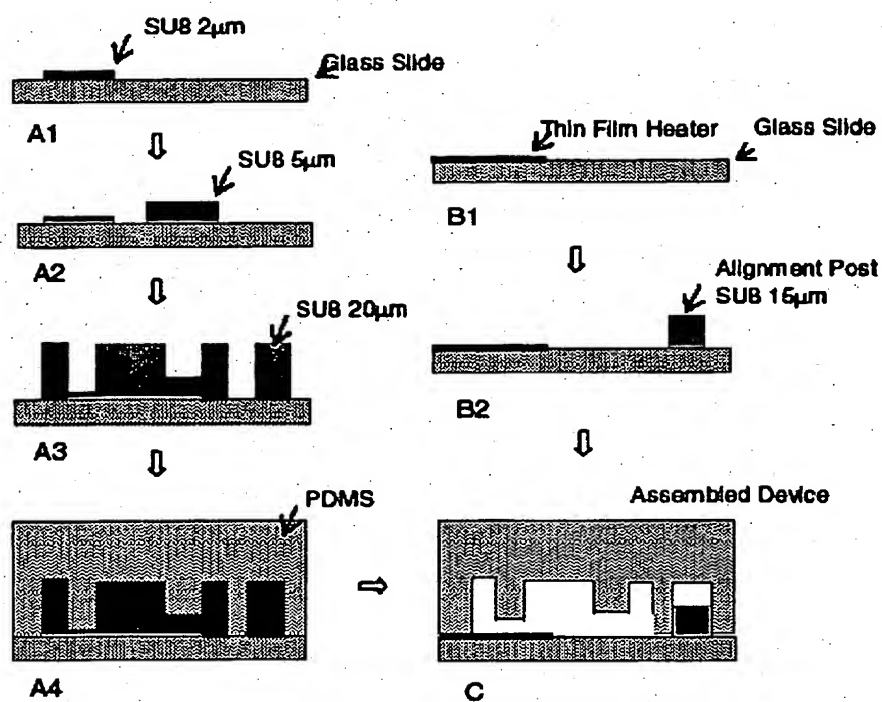


FIG. 3

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D

FIG. 4

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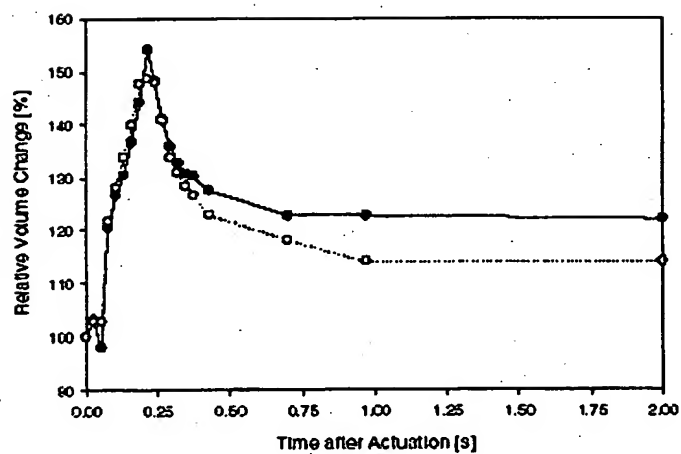
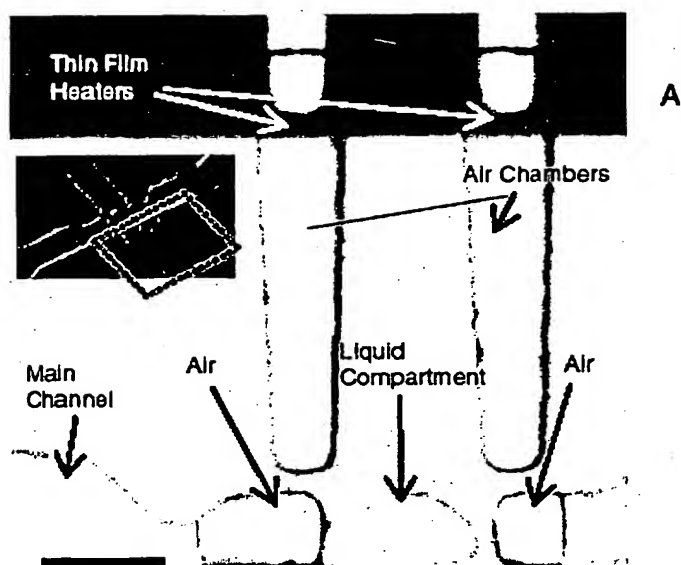


FIG. 5



A



B

FIG. 6

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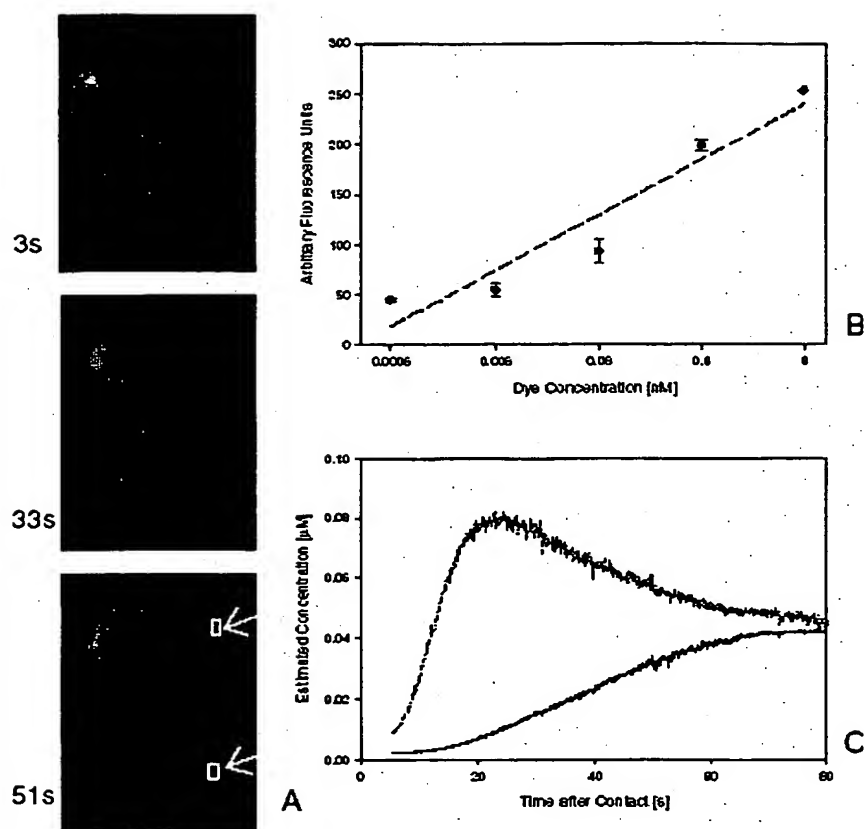


FIG. 7

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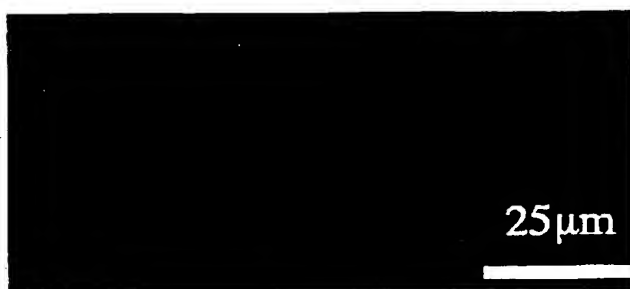
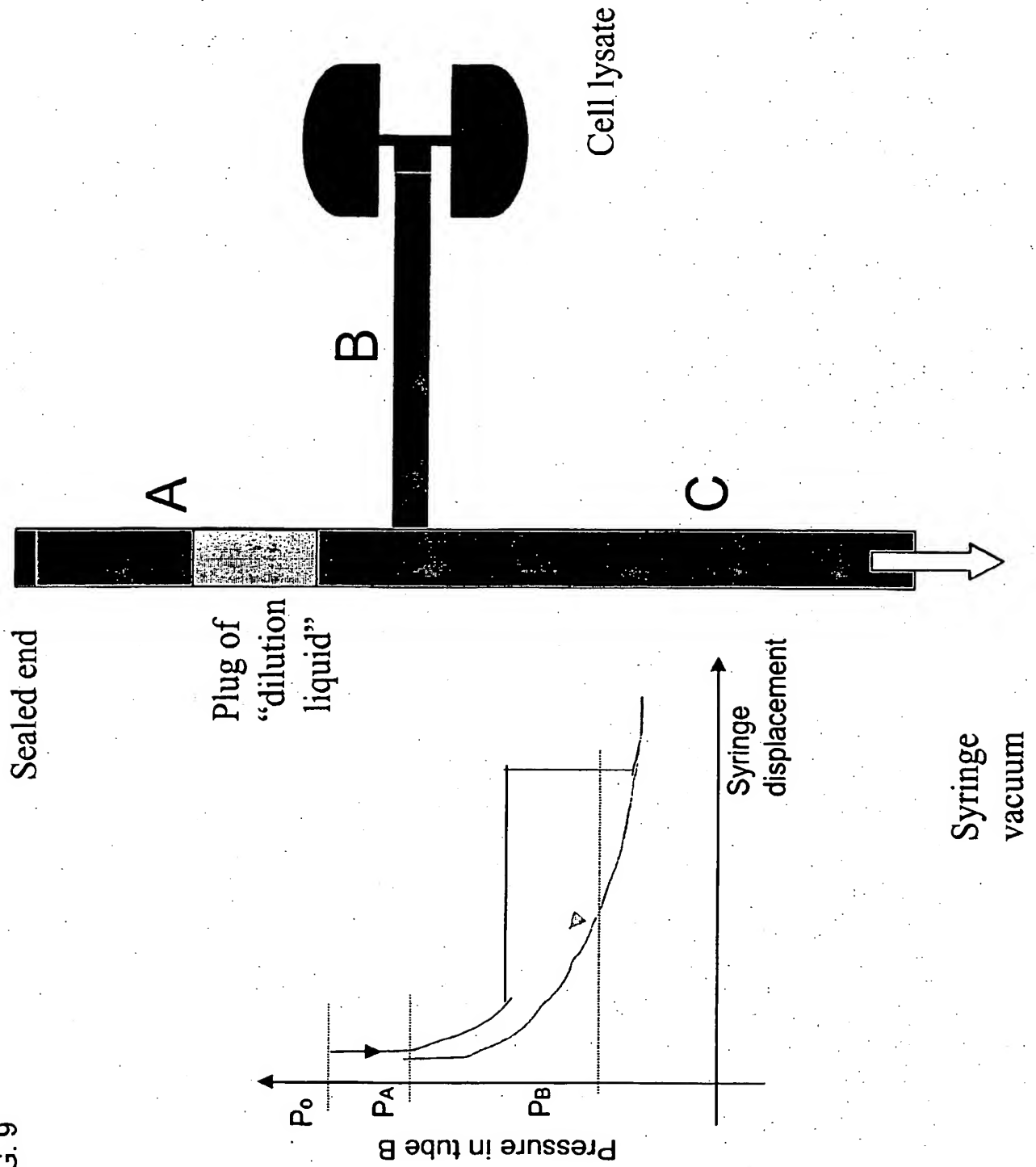


FIG. 8

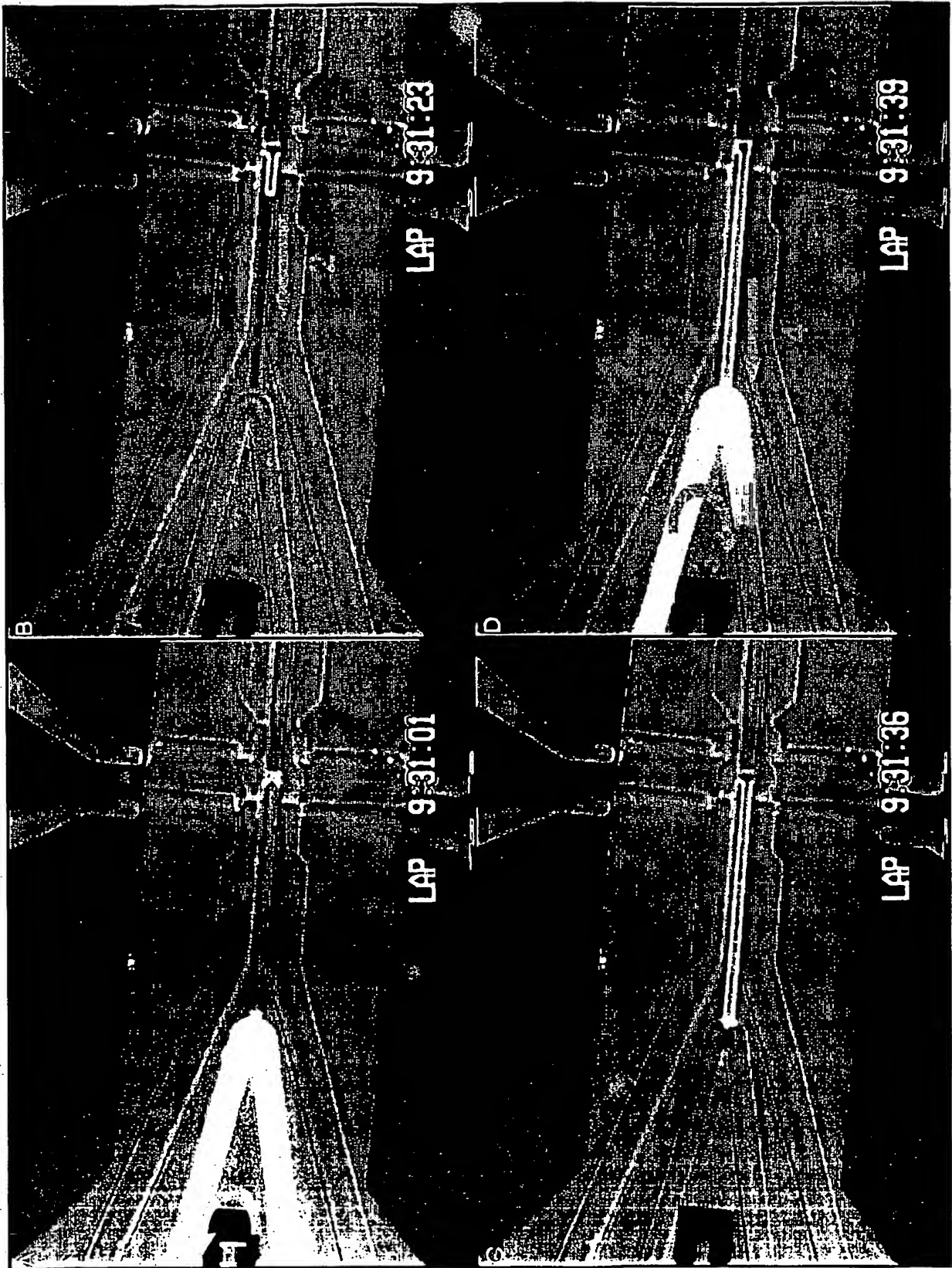
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FIG. 9



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FIG. 10



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FIG. 11

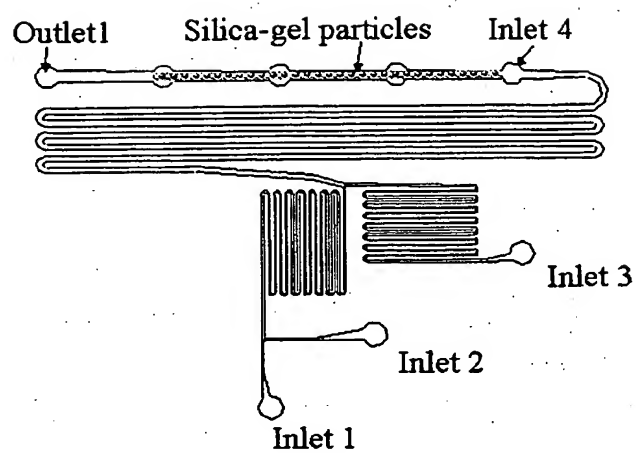


Beads can be manipulated using
external magnetic fields

Beads covered with antibodies and cells

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FIG. 12



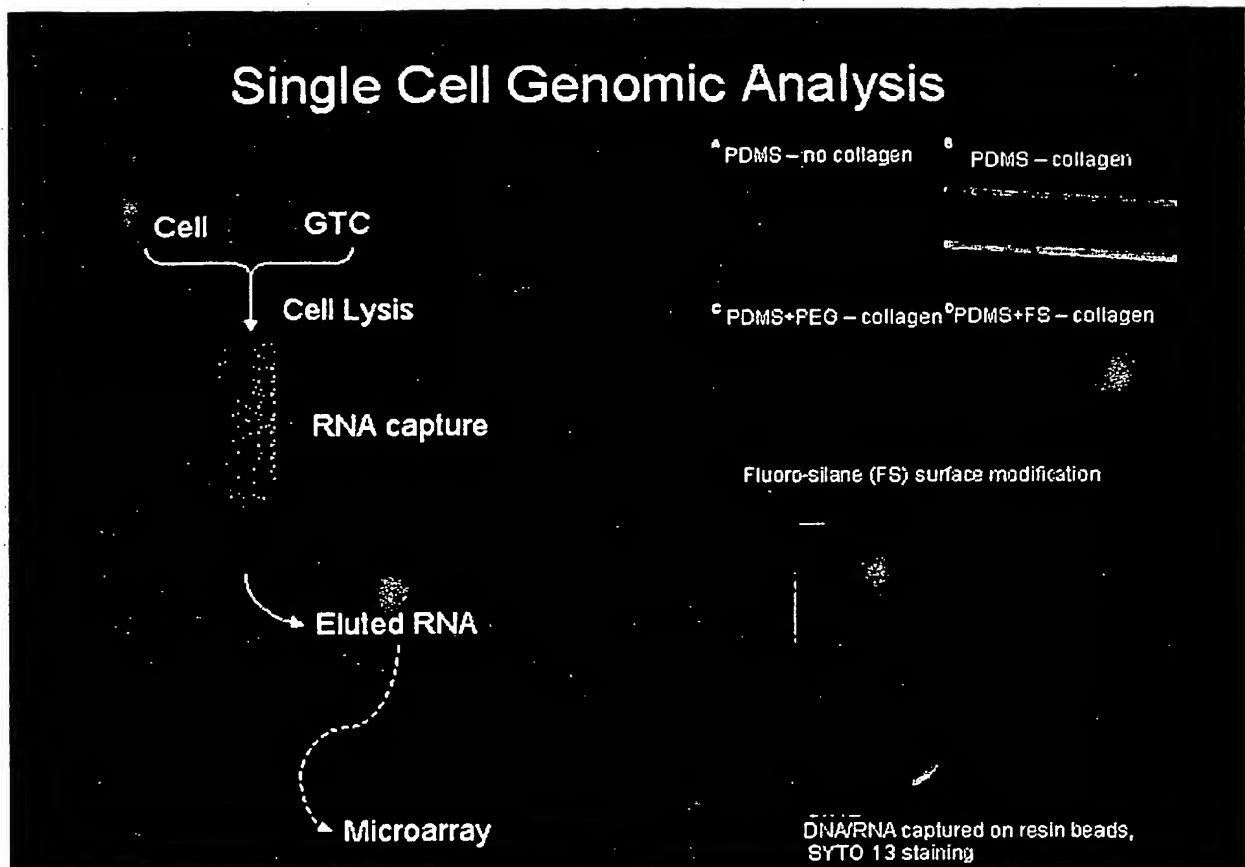


FIG. 13

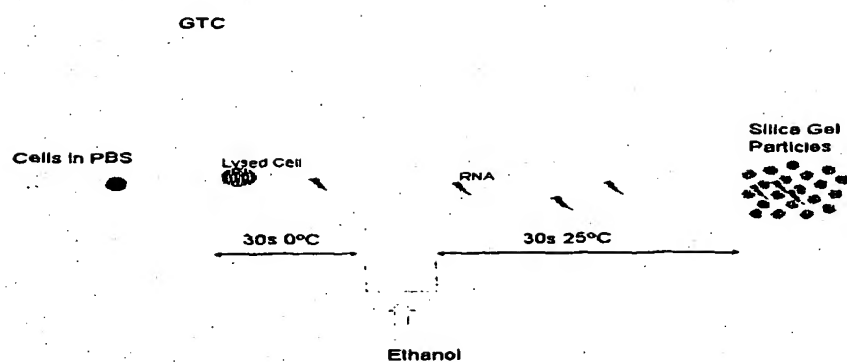


FIG. 14

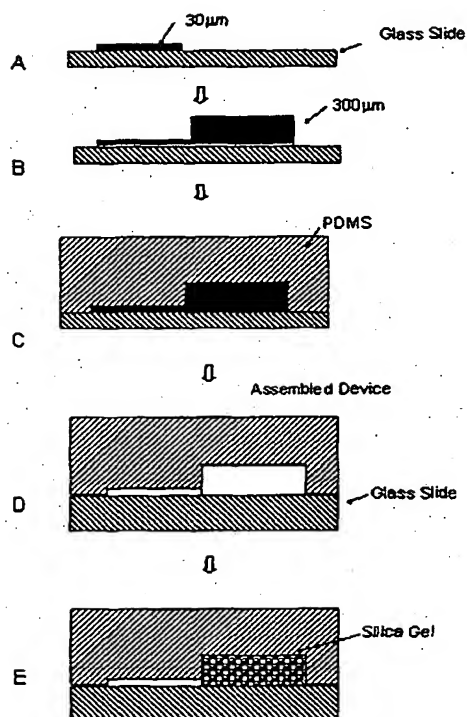


FIG. 15

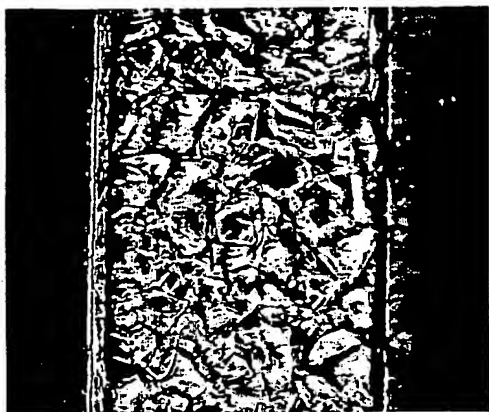


FIG. 16

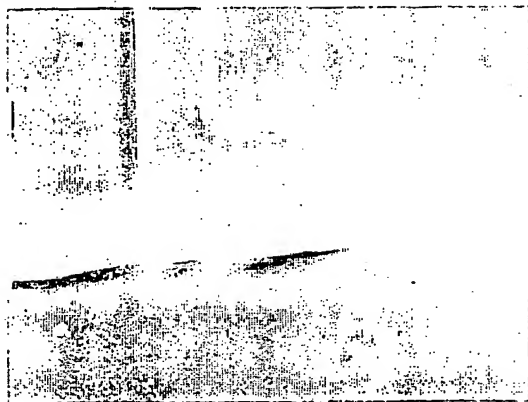
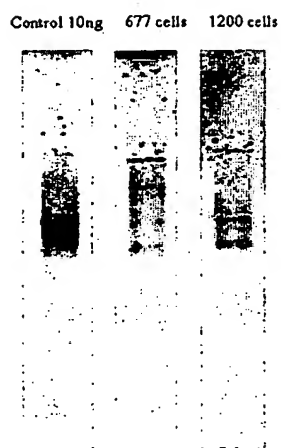


FIG. 17

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RNA gel electrophoresis. Tracks for 10ng control, RNA isolated from 677 and 1200 B lymphoblastoma cells using the microfabricated device.

FIG. 18.

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